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6330572.uref.	9

Database:

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 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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DATE: Tuesday, May 24, 2005 [Printable Copy](#) [Create Case](#)**Set Name Query**

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result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L52	6330572.uref.	9	L52
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<u>L32</u>	707/104.1	4133	<u>L32</u>
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<u>L27</u>	L26 and media! near library	13	<u>L27</u>
<u>L26</u>	L25 and backup and retrieval	1365	<u>L26</u>
<u>L25</u>	(network or www or internet) with file with system	22113	<u>L25</u>
<u>L24</u>	L23 and index	521	<u>L24</u>
<u>L23</u>	L22 and library and media!	931	<u>L23</u>
<u>L22</u>	L21 and stor\$ near device	2739	<u>L22</u>
<u>L21</u>	L17 and (backup and retriev\$ or archiv\$)	5243	<u>L21</u>
<u>L20</u>	L17 and backup and retriev\$	2854	<u>L20</u>
<u>L19</u>	L17 and back and retriev\$	12551	<u>L19</u>
<u>L18</u>	L17 and back and rtriev\$	2	<u>L18</u>
<u>L17</u>	L16 and (software or application) with (module or program)	29339	<u>L17</u>
<u>L16</u>	(network or www or internet) near system	94549	<u>L16</u>
<u>L15</u>	L14 and stor\$ and device	1	<u>L15</u>
<u>L14</u>	L12 and record\$ and physical and address	1	<u>L14</u>
<u>L13</u>	L12 and physical and address	1	<u>L13</u>
<u>L12</u>	6199073.pn.	2	<u>L12</u>
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<u>L10</u>	L9 and (backup or back-up) and (retriev\$ or retrieval)	11	<u>L10</u>
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<u>L6</u>	L3 and index\$ with software	1	<u>L6</u>
<u>L5</u>	L3 and index\$ with software with module	0	<u>L5</u>
<u>L4</u>	5875478.uref.	13	<u>L4</u>
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<u>L2</u>	5042064.uref.	34	<u>L2</u>
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USPT Entry 8 of 8

File: USPT

Dec 11, 2001

US-PAT-NO: 6330572

DOCUMENT-IDENTIFIER: US 6330572 B1

TITLE: Hierarchical data storage management

DATE-ISSUED: December 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sitka; Larry	Stillwater	MN		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Imation Corp.	Oakdale	MN			02

APPL-NO: 09/ 354280 [\[PALM\]](#)

DATE FILED: July 15, 1999

PARENT-CASE:

This application claims priority from U.S. Provisional Application Serial No. 60/092,853, filed Jul. 15, 1998, the entire content of which is incorporated herein by reference.

INT-CL: [07] [G06 F 17/30](#)

US-CL-ISSUED: 707/205; 203/204, 203/104, 203/100

US-CL-CURRENT: [707/205](#); [707/100](#), [707/104.1](#), [707/203](#), [707/204](#)

FIELD-OF-SEARCH: 707/104, 707/100, 707/201, 707/205, 707/203-204

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected**Search ALL****Clear**

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	5276860	January 1994	Fortier et al.	
<input type="checkbox"/>	5276867	January 1994	Kenley et al.	
<input type="checkbox"/>	5317728	May 1994	Tevis et al.	
<input type="checkbox"/>	5367698	November 1994	Webber et al.	

<input type="checkbox"/>	<u>5537585</u>	July 1996	Blickenstaff et al.	707/100
<input type="checkbox"/>	<u>5557790</u>	September 1996	Bingham et al.	
<input type="checkbox"/>	<u>5579507</u>	November 1996	Hosouchi et al.	
<input type="checkbox"/>	<u>5579516</u>	November 1996	Van Maren et al.	395/601
<input type="checkbox"/>	<u>5584008</u>	December 1996	Shimada et al.	
<input type="checkbox"/>	<u>5778395</u>	July 1998	Whiting et al.	707/204
<input type="checkbox"/>	<u>5784646</u>	July 1998	Sawada	
<input type="checkbox"/>	<u>5822780</u>	October 1998	Schutzman	
<input type="checkbox"/>	<u>5832522</u>	November 1998	Blickenstaff et al.	
<input type="checkbox"/>	<u>5878410</u>	March 1999	Zbikowski et al.	707/2
<input type="checkbox"/>	<u>5918229</u>	June 1999	Davis et al.	707/10
<input type="checkbox"/>	<u>5991753</u>	November 1999	Wilde	
<input type="checkbox"/>	<u>6026474</u>	February 2000	Carter et al.	711/202
<input type="checkbox"/>	<u>6108713</u>	January 2000	Coli et al.	705/2

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 474 395 A2	November 1992	EP	

OTHER PUBLICATIONS

"Hierarchical View of Filesets," IBM Technical Disclosure Bulletin, vol. 36(5):167 (1993).

Shiers, J.D., "Data Management at Cern: Current Status and Future Trends," <http://www.computer.org/conferences/mss95/shiers/shiers.htm>, Cern, Geneva, Switzerland, pp. 1-11 (1995).

"Graphical User Interface for the Distributed Computing Environment," IBM Technical Disclosure Bulletin, vol. 38(1):409-410 (1995).

ART-UNIT: 212

PRIMARY-EXAMINER: Alam; Hosain T.

ASSISTANT-EXAMINER: Truong; Cam-Y

ATTY-AGENT-FIRM: Bauer; William D.

ABSTRACT:

A system and method for managing the storage of files within an HSM system incorporate an architecture and methodology that facilitate the storage and retrieval of large image files as part of an overall image processing workflow. In particular, the system and method may find ready application in a workflow that involves the processing of groups of images associated with particular customers, projects, or transactions, and may act as a storage server for a client application that implements the workflow. The system and method may be useful, for example, in handling the storage of images uploaded from scanned photographic film, or digital

images submitted to a photo-processing shop by amateur or professional photographers. In this case, the client application can be a photo-processing application that could provide for various media formats, sizes, and quantities of image reproductions for a consumer. As another example, the system and method may be useful in handling the storage of medical diagnostic images associated with a particular medical patient or study. In this case, the client application could be a picture archival communication system (PACS) that manages the archival of imagery for viewing by physicians. Further, the system and method may be useful in handling the storage of images associated with particular printing jobs, e.g., for publishers, advertising customers, and the like. In this case, the client application could be a digital prepress workflow application.

32 Claims, 8 Drawing figures

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